

Recipe App: Chef's Adventure

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Our idea is to make a recipe app that can help users organize the dishes they want to make. Our app serves as a list for users to input recipes they want to try as well as the ingredients needed for the recipes. It will also serve as a checklist, thus maintaining data for steps and ingredients. We also want the ability for users to categorize new recipes as either: 'Breakfast', 'Lunch', 'Dinner', 'Desserts', and 'Snacks'. Because this is a personalized, single-user app, we would like to include the ability to edit current entries and those make recipes more specific based on experiences from actually trying them out (so the user can edit the description, ingredient list, instruction steps, category tags, etc).

Minimum features we want (MVP):

- "Add" new recipes
- "Delete" current recipes
- "Edit" recipes (allows the user to add any updates to the dish description, caveats to the steps, or modifications to the ingredients, say if they prefer to use a little less salt, or maybe a different type of sauce as a preferred substitute, etc.)
- "Search" (Makes it easier for the users to search recipes or ingredients they need.)
- "Tag" recipes as sub-categories
 - Essentially contain each recipe in a folder for 'Breakfast', 'Lunch', 'Dinner', 'Dessert', and 'Snacks'
- On each recipe – each inputted by the user– include:
 - Serving size (how many people it *typically* serves)
 - Description of dish
 - **List of ingredients** (with ability to "check off" – perhaps show that the item is marked off with a ~~strike through~~, like so, or with a checkmark next to it, but DON'T delete the ingredient from the list for future uses.)
 - Steps of the processes (with ability to "check off")

OPTIONAL features (to be determined with time...):

- Something to consider for implementation: A data set that documents how much of that ingredient we have before and after each use of the recipe, that will update after marking off each ingredient.
- Ability to enter how many people the user *plans* to serve
 - From there, a math function that will determine how much of each ingredient is *actually* needed? (Divides or multiplies portions and displays an updated ingredient list IF the user chooses to use this additional function. If they do not do so, the original recipe will display)
- Import photos for visual representation?

Functionality and Platform:

- Single user
- Offline, Standalone
- Mobile